

CLAIMS

Therefore, having thus described the invention, at least the following is claimed:

1. A sound absorbing wall system, comprising:

5 a wallboard material; and

a soundproofing material adhered to the wallboard material.

2. The system of claim 1, wherein the soundproofing material is a laminate.

10 3. The system of claim 2, wherein the soundproofing laminate comprises a polyvinyl chloride composition.

4. The system of claim 1, wherein the soundproofing material is adhered to the wallboard material with an adhesive.

15 5. The system of claim 4, wherein the adhesive comprises a material chosen from at least one of a polyurethane, a silicone or an acrylic polymer.

6. The system of claim 1, further comprising studs,

20 wherein the wallboard material with the soundproofing material adhered thereto is affixed to the studs, with the soundproofing material abutting the studs.

7. The sound absorbing wall system of claim 1, wherein the sound absorbing wall system is less than about 90 lbs.

5 8. The sound absorbing wall system of claim 7, wherein the wallboard material is approximately the same length and width of drywall sheets installed in homes.

9. A method of producing a sound absorbing wall system, comprising:
adhering a soundproofing material to a wallboard material.

10. The method of claim 9, further comprising affixing the wallboard material
5 with the soundproofing material adhered thereto to studs in a building.

11. The method of claim 9, wherein adhering the soundproofing material to the
wallboard material comprises:

10 applying an adhesive to the wallboard material; and
applying the soundproofing material to the wallboard material with the
adhesive disposed thereon.

12. The method of claim 11, wherein applying the soundproofing material to the
wallboard material with the adhesive disposed thereon comprises:

15 unrolling a roll of the soundproofing material; and
applying the soundproofing material to the wallboard material with the
adhesive disposed thereon.

13. The method of claim 12, further comprising urging the soundproofing material
20 into tight contact with the wallboard material with the adhesive disposed thereon.

14. The method of claim 9, further comprising cutting the soundproofing material
with the wallboard material adhered thereto into a predetermined shape.

15. The method of claim 9, further comprising installing the wallboard with the soundproofing material adhered thereto in a building by fastening the wallboard to a frame or studs in the building.

5 16. The method of claim 15, further comprising finishing an exposed outer surface of the sound absorbing wall system.

17. The method of claim 16, wherein finishing the exposed outer surface comprises at least one of: painting, plastering, wallpapering, texturizing, or
10 decorating.